

Title (en)
POWER MANAGERS, METHODS FOR OPERATING A POWER MANAGER, AND METHODS FOR OPERATING A POWER NETWORK

Title (de)
STROMVERWALTUNGSGERÄTE, BETRIEBSVERFAHREN FÜR EIN STROMVERWALTUNGSGERÄT UND BETRIEBSVERFAHREN FÜR EIN STROMNETZWERK

Title (fr)
MOYENS DE GESTION DE RÉSEAUX ÉLECTRIQUES, PROCÉDÉS DE FONCTIONNEMENT D'UN MOYEN DE GESTION ÉLECTRIQUE ET PROCÉDÉS DE FONCTIONNEMENT D'UN RÉSEAU ÉLECTRIQUE

Publication
EP 2452271 A4 20161005 (EN)

Application
EP 10823760 A 20100708

Priority

- US 2010041335 W 20100708
- US 81599410 A 20100615
- US 28353609 P 20091204
- US 27060209 P 20090710
- US 81632510 A 20100615
- US 81608010 A 20100615

Abstract (en)
[origin: WO2011046645A1] A method for operating a power manger having a plurality of device ports for connecting with external power devices and a power bus for connecting with each device port. The method includes the steps of: accessing information from each external power device connected to one of the plurality of device ports, characterizing each external power device as one of a power load, a power or energy source and a rechargeable energy source and if no rechargeable energy sources are connected, associating external devices characterized as power loads with a power allocation interface, associating external devices characterized as power or energy sources with a source allocation interface, calculating a total power available from the source allocation interface, allocating the total power available to the power allocation interface, and connecting as many power loads to the power bus as can be powered by the total power available.

IPC 8 full level
G06F 15/173 (2006.01); **H02J 1/00** (2006.01); **H02J 1/14** (2006.01)

CPC (source: EP)
H02J 1/082 (2020.01); **H02J 1/14** (2013.01)

Citation (search report)

- [XYI] US 2004123164 A1 20040624 - CHAPUIS ALAIN [US], et al
- [Y] WO 2008138016 A1 20081113 - AMERICAN POWER CONV CORP [US], et al
- [A] GB 2352568 A 20010131 - MULTIPower INC [US]
- [A] EP 0624944 A2 19941117 - CANON KK [JP]
- [A] US 2004123167 A1 20040624 - CHAPUIS ALAIN [US]
- See references of WO 2011046645A1

Cited by
CN107221969A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2011046645 A1 20110421; CA 2767716 A1 20110421; CA 2767716 C 20190409; EP 2452271 A1 20120516; EP 2452271 A4 20161005; SG 177602 A1 20120329

DOCDB simple family (application)
US 2010041335 W 20100708; CA 2767716 A 20100708; EP 10823760 A 20100708; SG 2012001863 A 20100708